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 Grapevine, Texas 76051
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TPE 331 ENGINE INFORMATION SHEET

ENGINE TYPE: TPE 331-5-252D

ENGINE SERIAL NUMBER: P-39301

TSN: 8740.6 TSO: 3208.40 TSH.S.I. 438.2
CSN: 13826 CSO: 4194

Life Limited information

Part	Part number	Serial number	CSN	CR	Remarks
1 st Twheel	867529-7	060134507286	861	4839	
2 nd Twheel	868272-1	060134504296	877	4523	
3 rd Twheel	868630-9	030134502121	817	5183	
1 st Impeller	3108182-2	050350109814	782	29218	
2 nd impeller	893482-5	060322903346	O/C		
Fuel Control	897800-10	1987693	2088.57	TR:	
Fuel Pump	897400-7	GS/0021/90C	3208.4	TR:	
Prop Pitch Control	895481-17	P-7008C	3208.4	TR:	
Prop Governor	897410-16	1943105C	3208.4	TR:	
Torque Sensor	3101726-3	P-6562C	3208.4		

Comments: The engine was overhauled by Honeywell Raunheim in September 2004 at TSN: 5532.2 Hours and CSN: 9632 Cycles. Hot Section Inspection was done by Honeywell in November 2006 at TSO: 2770:40 Hours and CSO: 3412 Cycles. Engine logbook starts at TSN: 3254 Hours and CSN: 6432 Cycles. Post loan inspection CW 16/Apr/2020, Replaced FCU. Test Run and Lebow preformed. Long term preservation CW. By DAO Aviation A/S

1. Approving National Competent / Country: **DENMARK**

2. **AUTHORIZED RELEASE CERTIFICATE**
EASA FORM ONE

3. Form Tracking Number: **23627**

4. Organisation Name and Address: **DAO Aviation A/S**
Hangarvej H 1
4000 Roskilde
Denmark

5. Work Order, Contract or Invoice Number: **E4152**


6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/ Batch Number:	11. Status/Work:
1	TPE331-5-252D	3102200-1	1,00	P-39301	INSPECTED/TESTED

12. Remarks:
TSO: 3208 40
CSO: 4194
Accomplished an incoming Post loan inspection. Replaced FCU, New Testrun and Lebow Performed. Accomplished long term preservation.
All work performed i.a.w. Honeywell MM 72-01-22 Rev 7 April 28, 2000.

This part has been checked for applicable AD-notes and to DAO Aviation AS knowledge there was no due AD-notes at the time of release of this component.

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in block 12

14a. Part - 145, A-50, Release to Services Other regulation specified in block 12
 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work, the items are considered ready for release to service.

13b. Authorized Signature:	13c. Approval Authorization No.:	14b. Authorized Signature:	14c. Certificate / Approval Ref. No.:
			EASA DK.145.0020
13d. Name (Typed or Printed):	13e. Date (dd mm yy):	14d. Name (Typed or Printed):	14e. Date (dd mm yy):
		Roland Lange	16 apr 2020

User/Installer Responsibilities

This certificate does not automatically constitute authority to install the item.

Where the user/installer performs work in accordance with the regulations of an Airworthiness Authority different than the Airworthiness Authority specified in block 1, it is essential the user/installer ensures that his/her Airworthiness Authority accepts items from Airworthiness Authority specified in block 1.

Statement 13a and 14a do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

ENGINE
MODULE
SERIAL NUMBER _____

SERVICE RECORD
DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER

PAGE _____



THE FOLLOWING WORK HAS BEEN CARRIED OUT I.A.W. D.A.O.-M/O: **E4152**

ENG. S/N: **P-39301** ENG. P/N: **3102200-1** ENG. MODEL: **TPE331- 5-252D**
INSP. TYPE: _____
ENG. TSN. / CSN.: **8741,16 | 13826** ENG. TSOH / CSOH.: **3208,40 | 4194**

WORK PERFORMED: Fuel Control Unit replaced due to internal fail. Engine run performed including Leak Check and Lebow. Torque Data Sheet applied at the Logbook. Engine preserved for more than 60 days.

Following New -, Inspected/tested - or Overhauled MAJOR parts were installed at this shop visit:

Each	P/N	Description	S/N	Condition
1	897800-10	Fuel Control Unit	1987693	TSO: 2088,57 HRS

Note: NTS Maintenance Check Flight must be performed I.A.W ATA 72-00-00 and A/C Approved Flight Manual at first flight after Engine Release:

Captain's or Mechanic's signature

End of log book entry - Sign: _____

Date: **15/11/2020** end of log book entry.

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

Engine Serial : 39301

S.C.A.P. SPECTROMETRIC OIL ANALYSIS PROGRAM



Hatchwood Place, Farnham, Kent
Odiham, Hampshire
United Kingdom RG29 1AB

MIR R S BASI
SITA AIR P LTD
SINAMANGAL 9
KATHMANDU,
Nepal--

For Honeywell
REPORT DATE : 01/06/2020
CONTACT PHONE : 009771411071
CONTACT EMAIL : eng.store@sitaair.com.np
FAX NUMBER : 0097714490546

ENGINE MODEL: TPE331-6-282D
AIRCRAFT TYPE: D0228-202K
AIRCRAFT SERIAL: 8165
OIL TYPE: BPTO 2380
SERVICE CONTRACT#:

LAB DATE: 01/06/2020
SAMPLE DATE: 12/27/2019
RESP EMP: Simon Cheyne

TSN: 0
TSO: 3208
CYCLES: 4194.0
OIL HOURS: 108.0
FILTER HOURS: 88.0
FILTER WEIGHT: 12 MGS
RECOMMEND: Normal

MAINT PERFORMED: Honeywell SOAP Labs all conform to test to the standard required to certify accomplishment of AD2018-13-05 Paragraph (6)

LAB COMMENTS: ZN33104

CURRENT NORMAL SAMPLE CONTINUE SENDING SAMPLES AT THE RECOMMENDED INTERVAL.

FILTER RESULTS		ANALYSIS PER WORK INSTRUCTION MLTC WI 1440							
AMT	ST	CB ST	AL ST	MGO	Cu	Ag	Mg	AI	C/GRIT MISC
TYPE	TR	TR	TR	TR	TR	TR	TR	TR	MA
FORM	FN								

OIL RESULTS

OIL RESULTS		ANALYSIS PER WORK INSTRUCTION MLTC WI 1437							
Fe	Cu	NI	Cr	Ag	Mg	Al	Pb	Be	
TAN	0.1	0.1	<1	<1	0.1	<1	<1	<0.02	
WATER		WATER		VISCOSITY		RULER		FLASH POINT	

SAMPLE NUMBER: 33104

CONTRACT CODE: SITAA

LAB COMMENTS: ZN33104

LAB DATE: 11/04/2019
SAMPLE DATE: 10/27/2019
RESP EMP: Mathew McLean

TSN: 0
TSO: 3120
CYCLES: 3967.0
OIL HOURS: 0.0
FILTER HOURS: 20.0
FILTER WEIGHT: 16 MGS
RECOMMEND: Normal

MAINT PERFORMED: Honeywell SOAP Labs all conform to test to the standard required to certify accomplishment of AD2018-13-05 Paragraph (6)

LAB COMMENTS: ZN32505

PREVIOUS NORMAL SAMPLE CONTINUE SENDING SAMPLES AT THE RECOMMENDED INTERVAL.

FILTER RESULTS		ANALYSIS PER WORK INSTRUCTION MLTC WI 1440							
AMT	ST	CB ST	AL ST	MGO	Cu	Ag	Mg	AI	C/GRIT MISC
TYPE	TR	TR	TR	TR	TR	TR	TR	TR	MA
FORM	FN								

OIL RESULTS

OIL RESULTS		ANALYSIS PER WORK INSTRUCTION MLTC WI 1437							
Fe	Cu	NI	Cr	Ag	Mg	Al	Pb	Be	
<0.1	0.1	<1	<1	<1	0.1	<1	<1	<0.02	
WATER		WATER		VISCOSITY		RULER		FLASH POINT	

SAMPLE NUMBER: 32505

CONTRACT CODE: SITAA

PREVIOUS NORMAL SAMPLE CONTINUE SENDING SAMPLES AT THE RECOMMENDED INTERVAL.

FILTER RESULTS		ANALYSIS PER WORK INSTRUCTION MLTC WI 1440							
AMT	ST	CB ST	AL ST	MGO	Cu	Ag	Mg	AI	C/GRIT MISC
TYPE	TR	TR	TR	TR	TR	TR	TR	TR	MA
FORM	FN								

OIL RESULTS

OIL RESULTS		ANALYSIS PER WORK INSTRUCTION MLTC WI 1437							
Fe	Cu	NI	Cr	Ag	Mg	Al	Pb	Be	
.1810	.4826	.4219	<.0067	.1692	.1422	<.0265	.2558	.0026	
TAN		WATER		VISCOSITY		RULER		FLASH POINT	

SAMPLE NUMBER: 1

CONTRACT CODE: PMDUS

MAINT PERFORMED:
LAB COMMENTS:

LAB DATE: 12/06/2011
SAMPLE DATE: 11/28/2011
RESP EMP: Rick Fenton

TSN: 8632
TSO: 0
CYCLES: 13598.0
OIL HOURS: 0.0
FILTER HOURS: 51.0
FILTER WEIGHT: 10 MGS
RECOMMEND: Normal

LAB: K - Honeywell Engines & Systems

OIL AND FILTER ANALYSIS FINDINGS

Godirect SOAP

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For 24-Hour/7-Day technical expert troubleshooting, please contact the Technical Operations Center at 1-855-808-6500 (U.S., Canada) or 1-602-365-6500 (Int'l), or: mailto:AeroTechSupport@Honeywell.com